

**TECHNICAL DATA**  
**MODEL XP-SKX75CSS**  
**EXPLOSION PROOF**  
**FM APPROVED CLASS 1, DIVISION 1, GROUP C & D MOTOR**



**GENERAL DATA**

|                                      |  |
|--------------------------------------|--|
| MAX. FLOW: GPM (L/min)               | 670 GPM (2536 L/min)                         |
| MAX. HEAD: ft (m)                    | 64' (19.4 m)                                 |
| MAX. SUBMERSION DEPTH: ft (m)        | 65' (20m) or limited to length of power cord |
| PUMP TYPE                            | NON CLOG, SHREDDER                           |
| SOLID SIZE: in (mm)                  | 3.5" (89 mm)                                 |
| IMPELLER DIAMETER: in (mm)           | 7.88" (200 mm)                               |
| DISCHARGE SIZE                       | 4" NPT-FEMALE                                |
| SLIDE RAIL SIZE                      | NON-SPARKING 4" SLIDE RAIL, SR-XP4           |
| PUMP WEIGHT, without cable: lbs (kg) | 395 lbs. (179 kg)                            |
| SHIPPING WEIGHT: lbs (kg)            | 413 lbs. (187 kg)                            |

**CONSTRUCTION/MATERIAL DATA**

|                                 |  |
|---------------------------------|--|
| MECHANICAL SEAL - UPPER         | CARBON / CERAMIC, FKM                  |
| MECHANICAL SEAL - LOWER         | SILICON CARBIDE / SILICON CARBIDE, FKM |
| MOTOR HOUSING                   | CAST IRON, EPOXY COATED                |
| PUMP VOLUTE                     | 316SS                                  |
| IMPELLER                        | TWO VANE, 316 SS                       |
| IMPELLER SHREDDER BLADE         | TUNGSTEN CARBIDE                       |
| STAND                           | 316 SS                                 |
| SUCTION COVER                   | 316 SS                                 |
| LIPSEAL & O-RINGS               | FKM                                    |
| ROTOR SHAFT                     | 403 SS                                 |
| EXTERNAL HARDWARE               | 304 SS                                 |
| BALL BEARING: PERM. LUBE. UPPER | 6306ZZC3                               |
| BALL BEARING: PERM. LUBE. LOWER | 7308BDB                                |

**ELECTRICAL /MOTOR DATA**

|   |                                   |      |
|---|-----------------------------------|------|
| MOTOR: TYPE, RATING HP                  | SUBMERSIBLE, 10 (CONTINUOUS DUTY) |      |
| MOTOR RPM                               | 1750                              |      |
| MOTOR INSULATION CLASS                  | F                                 |      |
| MOTOR SERVICE FACTOR                    | 1.15                              |      |
| VOLTAGE - 3 PH, 60 Hz                   | 460V                              | 575V |
| CURRENT F.L.A.                          | 12.6                              | 10   |
| LOCKED ROTOR CURRENT (LRA)              | 83                                | 64   |
| POWER CORD <sup>1</sup> : GAGE; LENGTH  | AWG 14/4 ; 50' (15m)              |      |
| SENSOR CORD <sup>1</sup> : GAGE; LENGTH | AWG 14/4; 50' (15m)               |      |
| MOTOR PROTECTION                        | TWO NORMALLY CLOSED THERMOSTATS   |      |
| MAXIMUM LIQUID TEMPERATURE              | 104°F (40°C)                      |      |
| SEAL LEAK DETECTOR                      | SINGLE ELECTRODE LEAKAGE DETECTOR |      |

1- SOOW, 90°C, 600V UL/CSA portable cord.

©2020 Industrial Flow Solutions Operating, LLC. All rights reserved.

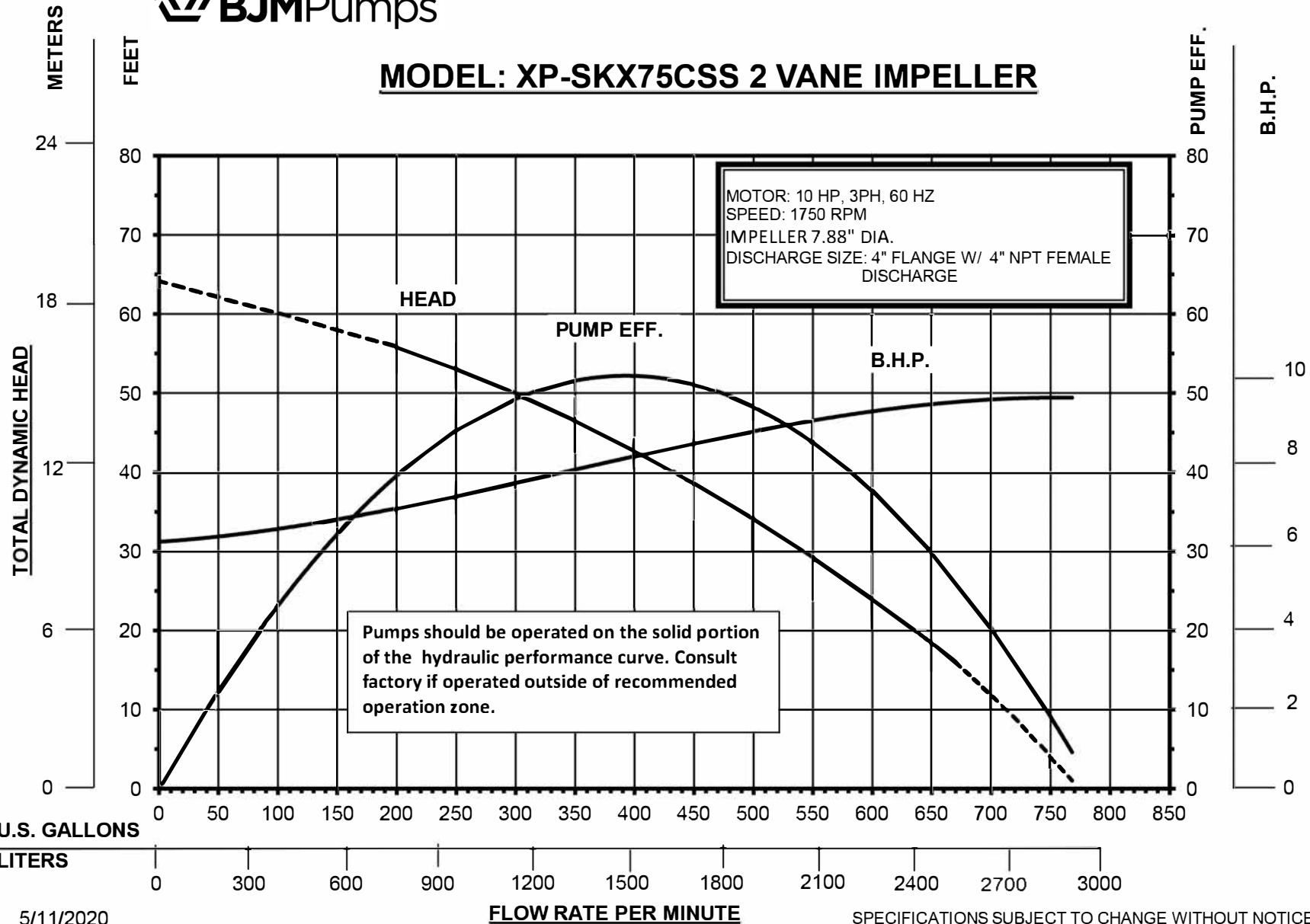
104 John W Murphy Drive  
 New Haven, CT. 0613, USA

Tel: (860)399-5937 - Fax: (860)399-7784

REFER TO REVERSE SIDE FOR PUMP PERFORMANCE CURVES SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

© 2020 Industrial Flow Solutions Operating, LLC. All rights reserved.

## MODEL: XP-SKX75CSS 2 VANE IMPELLER



5/11/2020

**FLOW RATE PER MINUTE**

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE